

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



PCT

(43) International Publication Date
31 August 2006 (31.08.2006)

(10) International Publication Number
WO 2006/091119 A1

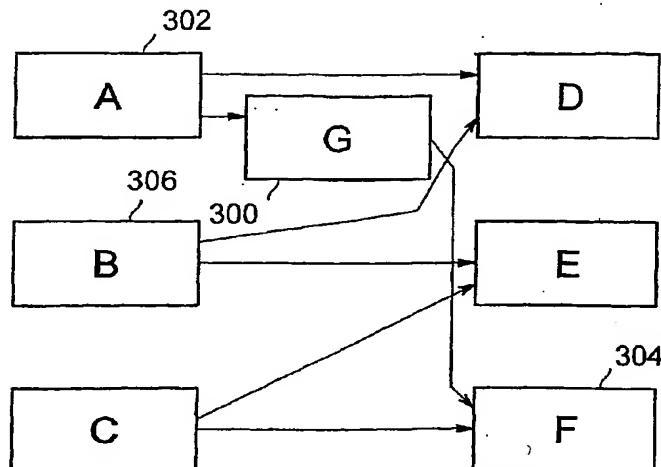
- (51) International Patent Classification⁷: **G06F 17/50**
- (21) International Application Number:
PCT/RU2005/000075
- (22) International Filing Date:
21 February 2005 (21.02.2005)
- (25) Filing Language:
English
- (26) Publication Language:
English
- (71) Applicant (for all designated States except US): INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, California 95052 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): MILOV, Denis Sergeevich [RU/RU]; ul. Energetikov, 12-38, Kirishi, 187110 (RU). KAZACHKOV, Egor Andreevich [RU/RU]; ul. Tereshkovo, 2A-44, Nizhny Novgorod, 603081 (RU).
- (74) Agent: LAW FIRM "GORODISSKY & PARTNERS" LTD.; EGOROVA Galina, B. Spasskaya str., 25, stroenie 3, Moscow, 129010 (RU).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD OF STABLE INCREMENTAL LAYOUT FOR A HIERARCHICAL GRAPH REPRESENTATION



WO 2006/091119 A1

(57) Abstract: Embodiments of the present invention generate a stable incremental layout of a hierarchical graph by determining a level of the layout for each new node of the graph using information about hidden nodes of the graph, determining positions of nodes on levels of the layout using information about hidden nodes of the graph, and determining coordinates of new nodes in the layout without using information about hidden nodes.